

Anti-Acetyl-Histone H2A.Z (Lys4) H2AFZ Rabbit Monoclonal Antibody, Clone#RM221

Catalog Number: M04816

Overview

Product Name	Anti-Acetyl-Histone H2A.Z (Lys4) H2AFZ Rabbit Monoclonal Antibody, Clone#RM221
Reactive Species	Human, Vertebrates
Description	Boster Bio Anti-Acetyl-Histone H2A.Z (Lys4) H2AFZ Rabbit Monoclonal Antibody, Clone#RM221 (Catalog # M04816). Tested in WB, ELISA, Luminex, ICC applications. This antibody reacts with Human, Vertebrates.
Application	ELISA, ICC, WB, Luminex
Clonality	Monoclonal RM221
Formulation	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Storage Instructions	Store at -20°C for one year. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	POC0S5

Technical Details

Immunogen	An acetyl-peptide corresponding to Acetyl-Histone H2A.Z (Lys4)
Cross Reactivity	This antibody reacts to Histone H2A.Z acetylated at Lysine 4 (K4ac). No cross-reactivity with non-modified Lysine 4 or other acetylated Lysines in histone H2A
Isotype	Rabbit IgG
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A affinity purified from an animal origin-free culture supernatant
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB: 0.5 ug/mL - 2 ug/mL</p> <p>ELISA: 0.2 ug/mL - 1 ug/mL</p> <p>Luminex: 0.05 ug/mL - 0.5 ug/ml</p> <p>Immunocytochemistry: 1 ug/mL- 2 ug/mL.</p>

Anti-Acetyl-Histone H2A.Z (Lys4) H2AFZ Rabbit Monoclonal Antibody, Clone#RM221 (M04816) Images

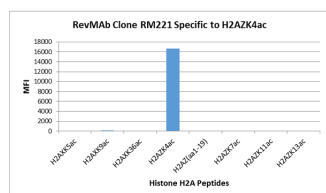


Figure 1. Specificity Test result
RM221 specifically reacts to Histone H2A.Z acetylated at Lysine 4 (K4ac). No cross reactivity with non-modified Lysine 4 or other acetylated Lysines in histone H2A.

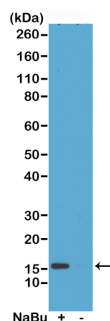


Figure 2. ICC result
Immunocytochemical staining of HeLa cells treated with sodium butyrate, using anti-Acetyl-Histone H2A.Z (Lys4) Rabbit Monoclonal Antibody (clone RM221) (red). Actin filaments have been labeled with fluorescein phalloidin (green).

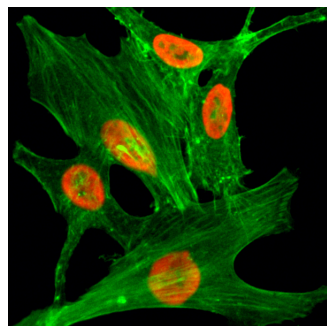


Figure 3. ICC result
Immunocytochemical staining of HeLa cells treated with sodium butyrate, using anti-Acetyl-Histone H2A.Z (Lys4) Rabbit Monoclonal Antibody (clone RM221) (red). Actin filaments have been labeled with fluorescein phalloidin (green).

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